

## CLAIMS:

1. A product comprising:
  - a first component which is a scaffold;
  - a second component which is an adjuvant; and
  - a third component which is an antigen.
2. A product according to claim 1 wherein the second component is a polypeptide which is a ligand for CD21 or a cell surface molecule on B cells or T cells or follicular dendritic or other antigen presenting cells
3. A product according to claim 1 or 2 wherein the third component is a polypeptide antigen.
4. A product according to claim 1 or 2 wherein the third component is a non-polypeptide antigen.
5. A product according to any one of claims 1 to 3 wherein the scaffold and antigen are the same.
6. A product according to claim 5 wherein the scaffold and antigen are a viral coat protein.
7. A product according to claim 6 wherein the viral coat protein is Hepatitis B surface antigen.
8. A product according to any one of claims 1 to 3 wherein the scaffold and adjuvant are the same.
9. A product according to claim 8 wherein the scaffold and adjuvant are C4bp core protein.

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10. A pharmaceutical composition comprising the product of any one of claims 1 to 9 together with a pharmaceutically acceptable carrier or diluent.
11. A method of inducing an immune response to an antigen which method comprises administering to a subject an effective amount of a product according to any one of claims 1 to 10.
12. A method of making a product comprising:  
a first component which is a polypeptide scaffold;  
a second component which is a polypeptide which is a ligand for CD21 or a cell surface molecule on B cells or T cells or follicular dendritic or other antigen presenting cells; and  
a third component which is a polypeptide antigen,  
the method comprising expressing nucleic acid encoding the three components in the form of a fusion protein, and recovering the product.
13. A method of making a product comprising:  
a first component which is a polypeptide scaffold;  
a second component which is a polypeptide which is a ligand for CD21 or a cell surface molecule on B cells or T cells or follicular dendritic or other antigen presenting cells; and  
a third component which is a non-polypeptide antigen,  
the method comprising expressing nucleic acid encoding the first and second components in the form of a fusion protein, joining said fusion protein to the third component, and recovering the product.
14. The method of claim 12 or 13 wherein the nucleic acid is expressed in a prokaryotic host cell.

15. A method according to claim 14 wherein the fusion protein is recovered in multimeric form.
16. A method according to claim 15 wherein the recombinant protein is present at least at a concentration of at least 2 mg/l of cell culture.
17. A method according to claim 15 or claim 16 wherein the host prokaryotic cell is *E. coli*.
18. An expression vector comprising a nucleic acid sequence encoding a fusion protein of
- a first component which is a polypeptide scaffold;
  - a second component which is a polypeptide which is a ligand for CD21 or a cell surface molecule on B cells or T cells or follicular dendritic or other antigen presenting cells; and optionally
  - a third component which is a polypeptide antigen, operably linked to a promoter functional in a host cell.
19. A bacterial host cell transformed with the expression vector of claim 18.
20. A eukaryotic host cell transformed with the vector of claim 18.
21. Use of the expression vector of claim 20 in a method of treatment of the human or animal body.